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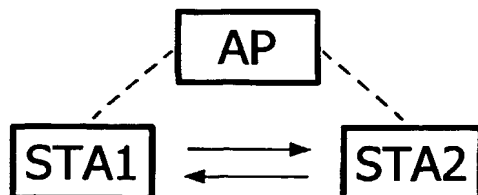
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(54) Title: A METHOD FOR DIRECT COMMUNICATION BETWEEN A FIRST STATION AND A SECOND STATION OF A WIRELESS NETWORK

(57) Abstract: In an Access Point controlled wireless network, wherein one channel communication is ruled by an identifier associated with the Access Point, a method for direct communication between a first station and a second station, comprises the steps of: generating a second identifier by said first station, different from the identifier associated with the Access Point, and optionally choosing a different channel; sending, by said first station, an invitation message for direct communication carrying said second identifier and optionally said second channel to said second station; sending, by said second station, a response message acknowledging the invitation message; setting up direct communication between said first station and said second station using said second identifier and optionally said second channel.